

Title (en)

ADDING AND RELEASING A SECONDARY CELL IN A MULTI-CELL CONNECTIVITY CONFIGURATION

Title (de)

HINZUFÜGEN UND FREIGEBEN EINER SEKUNDÄRZELLE IN EINER MEHRZELLIGEN KONNEKTIVITÄTSKONFIGURATION

Title (fr)

AJOUT ET LIBÉRATION D'UNE CELLULE SECONDAIRE DANS UNE CONFIGURATION DE CONNECTIVITÉ MULTICELLULAIRE

Publication

EP 4144181 A1 20230308 (EN)

Application

EP 21720154 A 20210329

Priority

- US 202063016687 P 20200428
- US 202117214405 A 20210326
- US 2021070326 W 20210329

Abstract (en)

[origin: US2021337612A1] This disclosure provides systems, methods and apparatuses for adding and releasing secondary cells in a multi-cell connectivity configuration. In one aspect, a user equipment (UE) may transmit UE assistance information to a base station (BS) operating as a master cell in a multi-cell connectivity configuration. The UE assistance information may indicate a process that the BS is to use to add a secondary cell to the multi-cell connectivity configuration, may indicate a time gap for adding a secondary cell after another secondary cell is released from the multi-cell connectivity configuration, as well as other multi-cell connectivity configuration information. The BS may receive the UE assistance information and may add a secondary cell to the multi-cell connectivity configuration based at least in part on the indicated process and time gap.

IPC 8 full level

H04W 76/16 (2018.01); **H04L 5/00** (2006.01); **H04W 24/10** (2009.01); **H04W 76/34** (2018.01)

CPC (source: EP US)

H04L 5/0032 (2013.01 - EP); **H04L 5/0098** (2013.01 - EP); **H04W 24/10** (2013.01 - US); **H04W 36/0085** (2018.08 - EP); **H04W 76/15** (2018.02 - US); **H04W 76/16** (2018.02 - EP); **H04W 76/20** (2018.02 - US); **H04W 76/30** (2018.02 - US); **H04L 5/001** (2013.01 - EP); **H04L 5/0026** (2013.01 - EP); **H04W 76/34** (2018.02 - EP); **H04W 88/06** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

US 12048035 B2 20240723; **US 2021337612 A1 20211028**; CN 115428581 A 20221202; EP 4144181 A1 20230308; WO 2021222916 A1 20211104

DOCDB simple family (application)

US 202117214405 A 20210326; CN 202180027871 A 20210329; EP 21720154 A 20210329; US 2021070326 W 20210329